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CONFIGURATION 1

MERCHANT HAS AN APPLE ID AND PROCESSES APPLE WALLET AT HIS END & SENDS THE APPLE DATA TO TELR.

APPLE DEVELOPER ACCOUNT CONFIGURATION

1. Verify your merchant domain name, where will the merchant be using Apple Pay, in Apple developer account.
2. Create a Merchant ID (e.g. merchant.com.telr.applepay) with Apple developer account.
3. Get Merchant (Payment processing) certificate from Apple developer account.
4. Get Merchant (session) certificate from Apple developer account.
5. Share #3 apple pay token processing certificate (file with extension *.cer) and key (file with extension *.p12) along with password if any, with Telr to update at Telr side.

PROCESSING APPLE PAY IN WEB OR IN IOS APP

1. Create a Payment request with following parameters.

Currency code, country code, amount, supportedNetworks and merchantCapabilities

2. With payment request create an Apple Pay session.
3. Validate the merchant ID for the Apple Pay session.
4. Complete the payment method selection operation.
5. On successful “payment authorized” operation a token with payment data will be received. Sample Apple token variables are as below.

paymentData:: **version:**EC_v1, **data:**3O...w=, **signature:**MI...YX.header::
ephemeralPublicKey:MF...A==,
publicKeyHash:TM...8=,**transactionId:**c5...3f.**paymentMethod::**
display Name:Visa 0492, **network:**Visa,**type:**debit,**transactionIdentifier:**C5..93F.

Above variables to be POST to Telr with other data to Telr's URL "<https://secure.telr.com/gateway/remote.json>". All required data to be sent to Telr URL

are as follows. Set POST content type “application/x-www-form-urlencoded ” and do URL encode for Apple Pay data applepay_enc_paydata, applepay_enc_paysig and applepay_enc_pubkey

(Bold parameter should be sent same)

Request Parameter

Field	Value	Description
ivp_method	applepay	Set value as 'applepay'
ivp_store	15164	Your store ID
ivp_authkey	cxkwshbs68ejbh	V2 Settings authentication Key
ivp_amount	10	Transaction amount
ivp_currency	AED	Currency the transaction is in
ivp_test	0	Test mode indicator
ivp_desc	Description	Purchase description
return_auth	return url for authorised transaction	return url for authorised transaction
return_decl	return url upon declined	return url for declined transaction
return_can	return url upon cancelled	return url for cancelled transaction
bill_fname	FirstName	The customer’s forename, plus any other middle names or initials they may have.
bill_sname	Lastname	Customer surname (also known as family name)
bill_addr1	Address	Customer address
bill_city	city	city
bill_region	Region	Region
bill_country	Country	Country
bill_zip	123456	Zip code
bill_email	email@address.com	Email address
ivp_lang	en	Payment Page interface language
ivp_cart	CartID	Your reference for the transaction. For example, this could be a cart ID or order ID generated by your shopping system. This must be unique for each request. Maximum length is 63 characters.

ivp_trantype	Sale/Auth/Capture/Verify	Purchase, Authorize/Capture or Verify.To be set as per the terminal configuration.
ivp_tranclass	ecom	Set 'ecom'
delv_addr1	Bill address	Bill address
delv_addr2	Address 2	Address 2
delv_addr3	Address 3	Address 3
delv_city	City	City
delv_region	Region	Region
delv_country	Country	Country
applepay_enc_version	version	From Apple Pay token get "version"
applepay_enc_paydata	data	From Apple Pay token get "data"
applepay_enc_paysig	signature	From Apple Pay token get "signature"
applepay_enc_pubkey	ephemeralPublicKey	From Apple Pay token get "ephemeralPublicKey"
applepay_enc_keyhash	publicKeyHash	From Apple Pay token get "publicKeyHash"
applepay_tran_id	transactionId	From Apple Pay token get "transactionId"
applepay_card_desc	type	From Apple Pay token get "type"
applepay_card_scheme	displayName	From Apple Pay token get "displayName"
applepay_card_type	network	From Apple Pay token get "network"
applepay_tran_id2	transactionIdentifier	From Apple Pay token get "transactionIdentifier"

6. With Above Request Telr gateway will process the transaction with Master card processor (MPGS).

TELr RESPONSE FORMAT IS AS BELOW

```

{"trace":"4001/5151/%ea6bba9",
"transaction":{"ref":"040024871559","type":"sale","class":"ECom","status":"D",
code":"31","message":"Not

```

```
authorised"},"customer":{"email":"abcf@gmail.com","name":{"forenames":"A
bcd"},"surname":"sff"},"address":{"line1:No
address"},"city":"Unknown","country":"AE"}}}
```

“status” can be as below, which is to be used to notify on Apple Pay screen about the status.

A: Authorised

D: Declined

C: Cancelled

CONFIGURATION 2

MERCHANT DOES NOT HAVE AN APPLE ID AND WANTS TO ENABLE APPLE PAY AS PAYMENT OPTION

This is required when merchant is using full page display of Telr payment page, where request contains **ivp_framed=0**(0 or not set)

APPLE DEVELOPER ACCOUNT CONFIGURATION

1. Telr will be using Telr Apple Pay ID and its respective key and certificate.

PROCESSING APPLE PAY IN WEB OR IN IOS APP

Create a Payment request and POST to following URL, this is same as current transaction processing which merchant is using.

<https://secure.telr.com/gateway/order.json>

Mandatory parameters to process Apple Pay are as below.

Field	Value	Description
ivp_method	create	Set value as ‘create’
ivp_store	15164	Your store ID
ivp_authkey	cxkwshbs68ejbh	V2 Settings authentication Key
ivp_amount	10	Transaction amount
ivp_currency	AED	Currency the transaction is in

ivp_test	0	Test mode indicator
ivp_desc	Description	Purchase description
return_auth	return url for authorised transaction	return url for authorised transaction
return_decl	return url upon declined	return url for declined transaction
return_can	return url upon cancelled	return url for cancelled transaction
bill_fname	FirstName	The customer's forename, plus any other middle names or initials they may have.
bill_sname	Lastname	Customer surname (also known as family name)
bill_addr1	Address	Customer address
bill_city	city	city
bill_region	Region	Region
bill_country	Country	Country
bill_zip	123456	Zip code
bill_email	email@address.com	Email address
ivp_lang	en	Payment Page interface language
ivp_applepay	0 or 1	To enable Applepay set value as 1 and to disable set as 0. If this parameter is not sent then ApplePay will be enabled by default.
ivp_cart	CartID	Your reference for the transaction. For example, this could be a cart ID or order ID generated by your shopping system. This must be unique for each request. Maximum length is 63 characters.

APPLE PAY IN TELR INVOICE

MERCHANT DOES NOT HAVE AN APPLE ID AND WANTS TO ENABLE APPLE PAY AS PAYMENT OPTION IN INVOICE PAYMENT COLLECTION.

APPLE DEVELOPER ACCOUNT CONFIGURATION

1. Telr will be using Telr Apple Pay ID and its respective key and certificate.

INVOICE CREATION

While generating new invoice mandatory field to be provided at dash board is illustrated as below.

Action	Description	Amount
<input checked="" type="checkbox"/> Add	ApplePay Test Invoice	123.00
Total		123.00

Alternate payment amounts

You can supply alternate amounts for early or late payment of the invoice, for example to give a discount if paid early, or to apply a charge if paid late.

Early payment: if paid before --Day-- --Month-- --Year--

Late payment: if paid after --Day-- --Month-- --Year--

Link Agreement(Optional)

Agreement would be linked whenever invoice is paid.

Send invoice

Send to:	Title: Mr.	Forenames: YourFirstName	Surname: YourLastName
Address line 1:	Mandatory to provide Address		
Address line 2:	<input type="text"/>		
Address line 3:	<input type="text"/>		
City/Suburb:	Dubai		
Region/State:	Dubai		
Country:	United Arab Emirates		
Post/Area code:	123456		
* Email address:	youremail@domain.com		
Email address (CC):	<input type="text"/>		
Email address (CC):	<input type="text"/>		

Please provide as much information as you can.

The details supplied here will be shown at the top of the invoice, and will be used to pre-fill the relevant fields on the payment page. The more details you supply, the easier and quicker it will be for the customer to complete their payment.

NOTES

Telr iframe payment page is the one of the methods of integration, where merchant uses their web page as parent frame and displays Telr Payment page in iframe within their page. Apple Pay on the Web does not support Telr iframe payment pages.